ABSTRACT OF THE DISCLOSURE

A shear test apparatus for testing a shear characteristic of a curved panel is provided. The shear test apparatus includes a frame made up of first and second curved side bearing members for bearing a pair of curved sides of the curved panel and first and second flat side bearing members for bearing a pair of flat sides of the curved panel. The second curved side bearing member has an arm extending in a direction perpendicular to the face of the curved panel. The arm has an external force loading point in a position coincident with the center of shear of the curved panel, to prevent twisting of the curved panel.